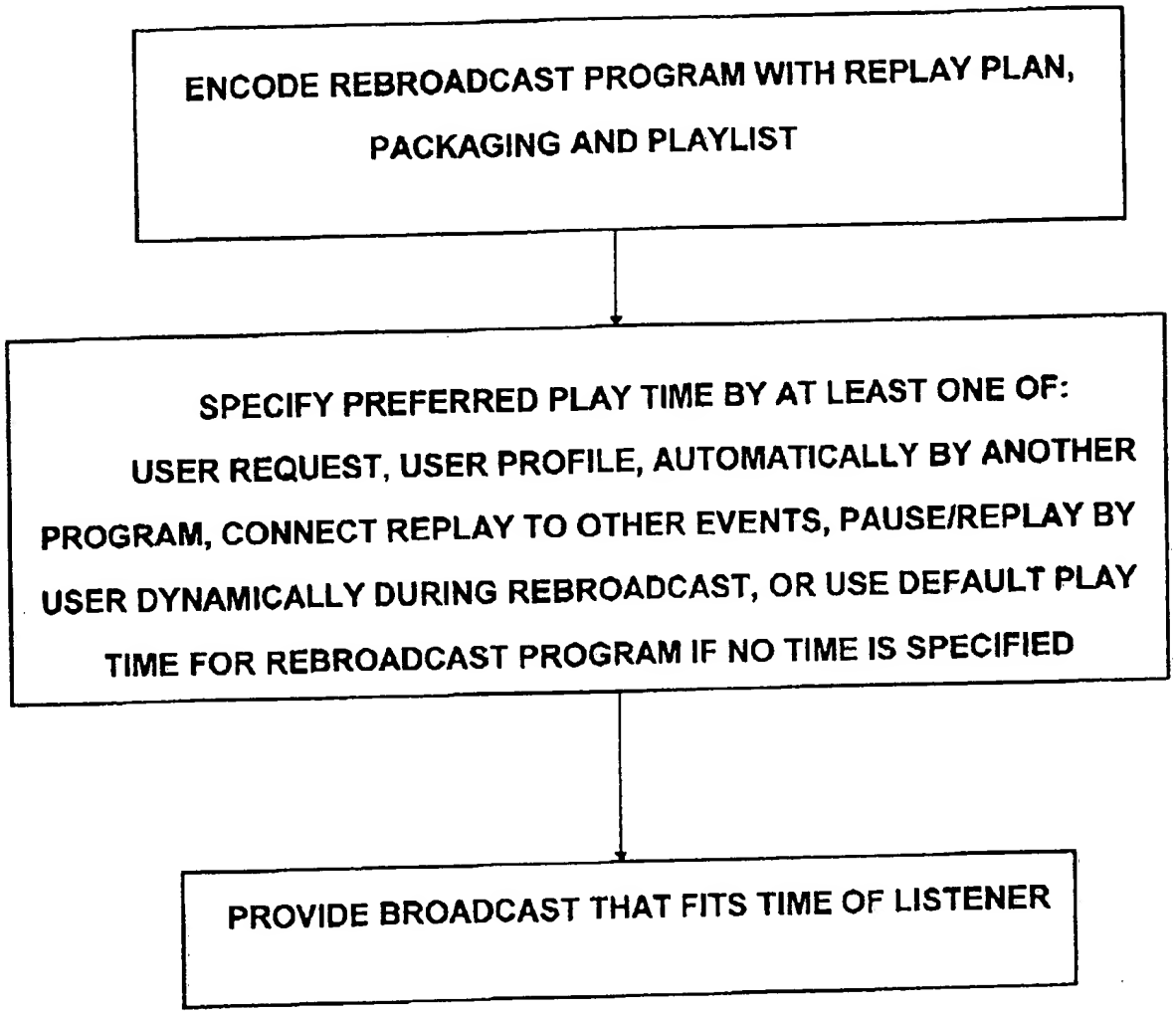

FIG. 1

09/542,505

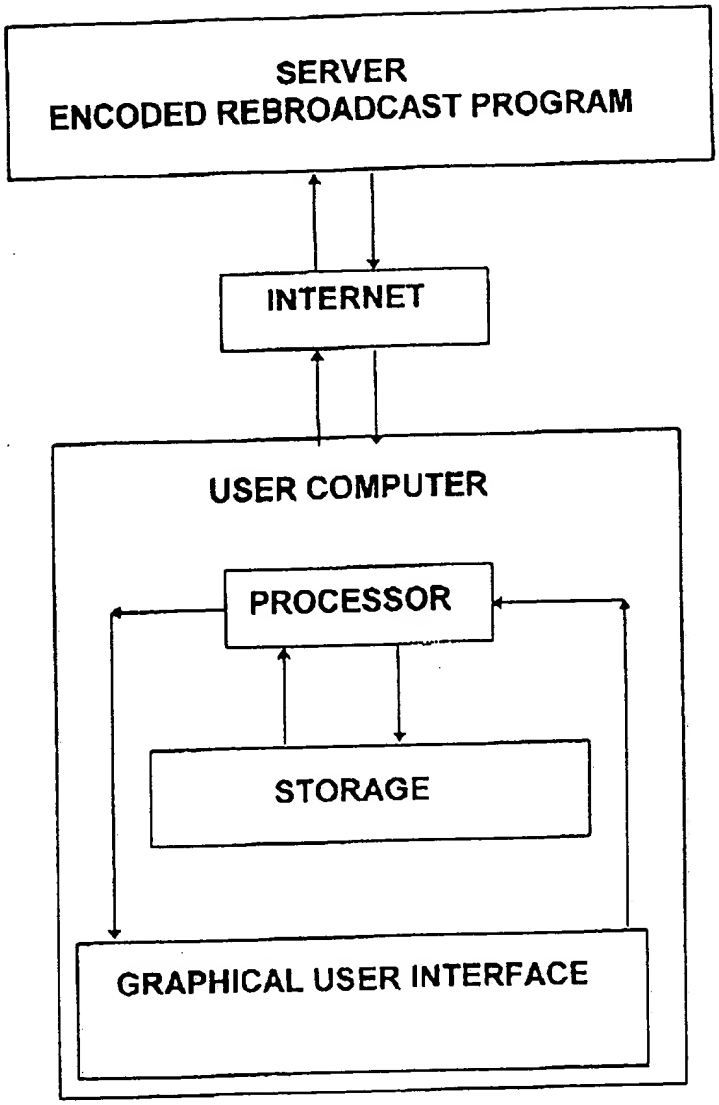
SERVER
ENCODED REBROADCAST PROGRAM
INTERNET
USER COMPUTER
PROCESSOR
STORAGE
GRAPHICAL USER INTERFACE

FIG. 2

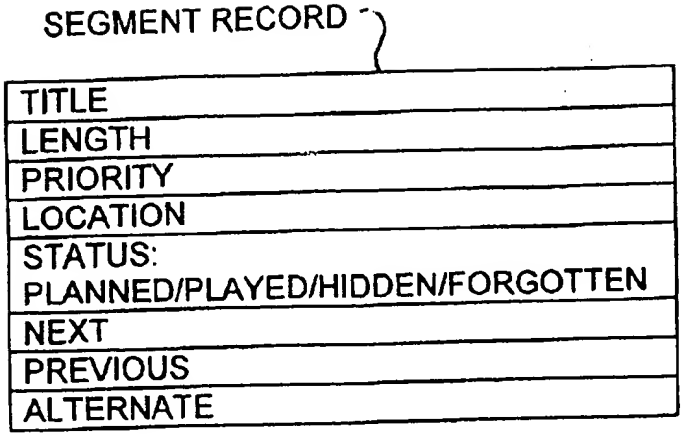
SEGMENT RECORD
TITLE
LENGTH
PRIORITY
LOCATION
STATUS:
PLANNED/PLAYED/HIDDEN/FORGOTTEN
NEXT
PREVIOUS
ALTERNATE

FIG. 3

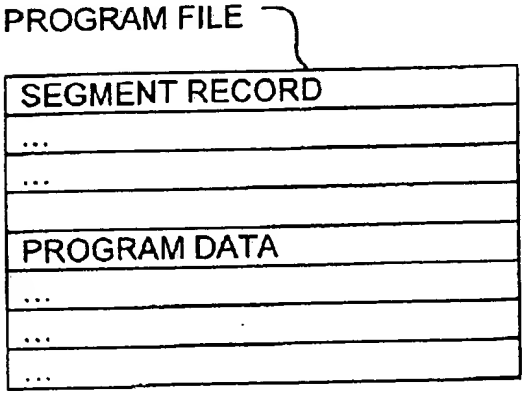
PROGRAM FILE
SEGMENT RECORD
...
...
PROGRAM DATA
...
...
...

FIG. 4

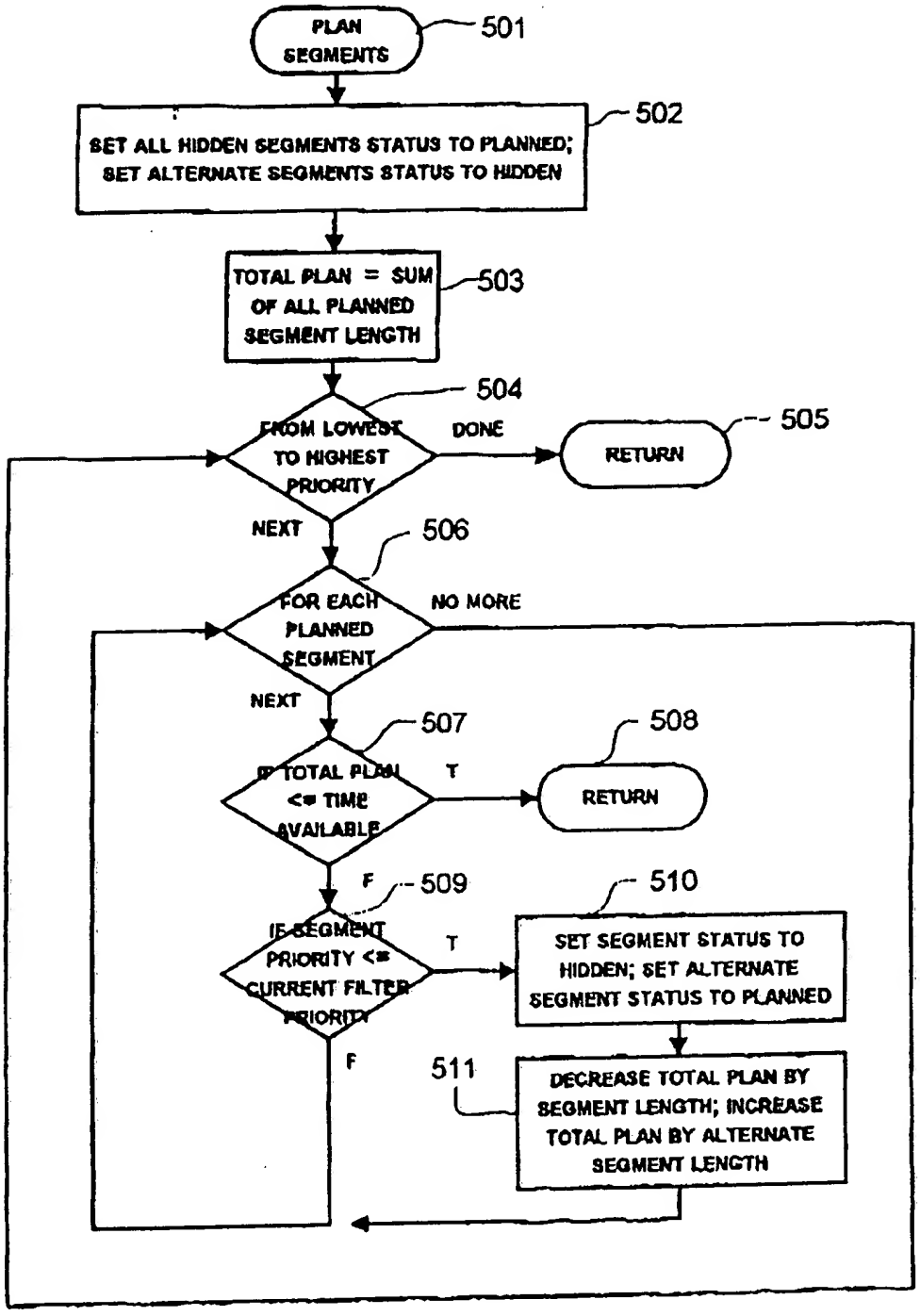
PLAN SEGMENTS
501
SET ALL HIDDEN SEGMENTS STATUS TO PLANNED; SET ALTERNATE SEGMENTS STATUS TO HIDDEN
502
TOTAL PLAN = SUM OF ALL PLANNED SEGMENT LENGTH
503
504
FROM LOWEST TO HIGHEST PRIORITY
DONE
RETURN
505
NEXT
506
FOR EACH PLANNED SEGMENT
NO MORE
NEXT
507
IF TOTAL PLAN <= TIME AVAILABLE
T
508
RETURN
F
509
IF SEGMENT PRIORITY <= CURRENT FILTER PRIORITY
T
510
SET SEGMENT STATUS TO HIDDEN; SET ALTERNATE SEGMENT STATUS TO PLANNED
F
511
DECREASE TOTAL PLAN BY SEGMENT LENGTH; INCREASE TOTAL PLAN BY ALTERNATE SEGMENT LENGTH

FIG. 5

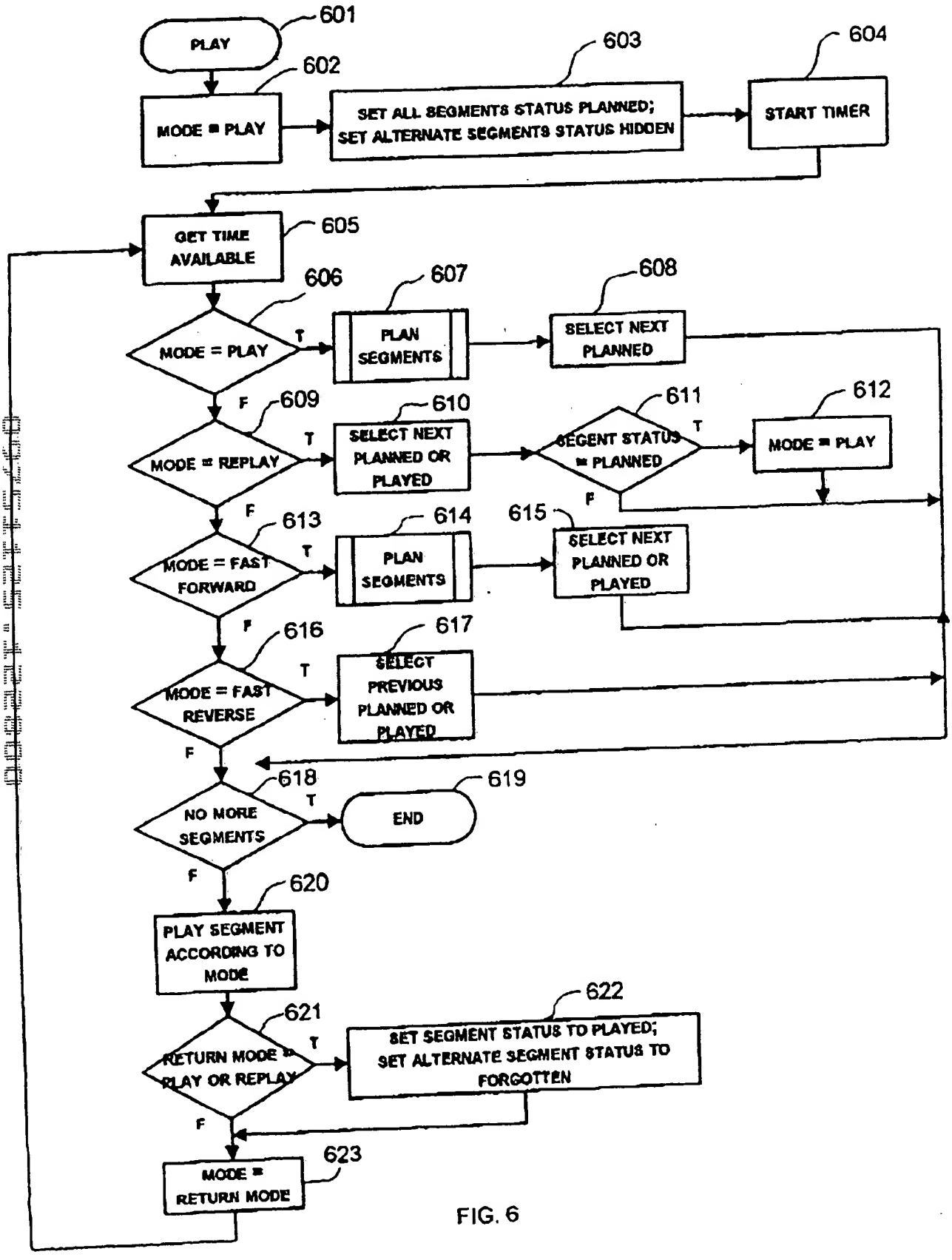
601
PLAY
602
MODE = PLAY
603
SET ALL SEGMENTS STATUS PLANNED; SET ALTERNATE SEGMENTS STATUS HIDDEN
604
START TIMER
605
GET TIME AVAILABLE
606
MODE = PLAY
T
607
PLAN SEGMENTS
608
SELECT NEXT PLANNED
F
609
MODE = REPLAY
T
610
SELECT NEXT PLANNED OR PLAYED
611
SEGENT STATUS = PLANNED
T
612
MODE = PLAY
F
613
MODE = FAST FORWARD
T
614
PLAN SEGMENTS
615
SELECT NEXT PLANNED OR PLAYED
F
616
MODE = FAST REVERSE
T
617
SELECT PREVIOUS PLANNED OR PLAYED
F
618
NO MORE SEGMENTS
T
619
END
F
620
PLAY SEGMENT ACCORDING TO MODE
621
RETURN MODE = PLAY OR REPLAY
T
622
SET SEGMENT STATUS TO PLAYED; SET ALTERNATE SEGMENT STATUS TO FORGOTTEN
F
623
MODE = RETURN MODE

FIG. 6